



***Division of Public Health Services***

*Public Health Preparedness Services*

*Bureau of State Laboratory Services*

250 N. 17<sup>th</sup> Avenue

Phoenix, AZ 85007-3231

(602) 364-0720

(602) 364-0759 Fax

JANET NAPOLITANO, GOVERNOR

SUSAN GERARD, DIRECTOR

**FAX TRANSMITTAL SHEET**

**DATE:** February 11, 2008

**TO:** Laboratory Director and QA Manager

**FROM:** Steven D. Baker, Assistant Bureau Chief  
State Laboratory Services

**Subject:** Information Update #98

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**NOTE:** If any of the pages are missing, please call 1-800-952-0374, (602) 364-0734 or (602) 364-0733.

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***THIS MESSAGE AVAILABLE IN ALTERNATIVE FORMAT UPON REQUEST, BY CONTACTING:  
Prabha Acharya AT (602) 364-0734.***

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*Leadership for a Healthy Arizona*



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### **Information Update**

**February 11, 2008**

**Update #98**

1. **Dissolved sulfide**  
**Sample handling Correction**

- Information Update 97, item #6, had incorrectly specified that samples for dissolved sulfide must be filtered within 15 minutes of collection. Both the filtering and the 15 minutes are not referenced in the 3/12/07 MUR.
- SM 20<sup>th</sup> Edition, Method 4500-S2-A, specifies to flocculate and settle and test the clear liquid for dissolved sulfide.
- There is no reference in the method if the flocculation should be done in the field and/or if it should be done within 15 minutes of sampling.
- **Please follow the method requirements for dissolved sulfide; flocculate, settle, analyze the clear liquid immediately or preserve it for later analysis.**

Note: metals and orthophosphate samples require filtering within 15 minutes of sampling.

2. Director Approved Method Modifications dated 8/29/2001,  
<http://www.azdhs.gov/lab/license/tech/methmod.pdf>

has been revised and the new Revision 1.0 is awaiting ADHS Director's approval. Once it is made official, the new revised version will be posted on the ADHS website and you will be informed in the next Information Update.

3. **Distillation for fluoride and ammonia:**

Per the 3/12/07 MUR Table II, footnote 6 comparability data on the effluent is required to eliminate the distillation step; matrix spikes are not sufficient to eliminate the distillation step.

4. The laboratories need to record the temperature of all chemistry drinking water samples (EPA Manual for the Certification of Laboratories Analyzing Drinking Water, 5<sup>th</sup> Edition, Chapter IV, Section 6.2) and should check the temperature of microbiology drinking water samples (EPA DW Manual, Chapter V, Section 6.3.1). All microbiology samples must be **processed** within 1 hour after sampling if not

preserved (Standard Methods 20<sup>th</sup> Ed. Section 9060B.1.a). Microbiology wastewater samples must be transported below 10°C and the temperature documented (Standard Methods 20<sup>th</sup> Ed. Section 9060B.1.c).

5. The AWPCA and the ADHS Training Program are planning a three day workshop entitled Surface Water/Ground Water Sampling and Analysis in Phoenix on March 18-20, 2008. This workshop is a basic course that introduces the participants to various sampling protocols, associated regulatory methods and laboratory testing for surface water and ground water.

The registration fee of \$200.00 covers the three days of training. For registration information please go to [www.awpca.org](http://www.awpca.org). The deadline for registration is February 29, 2008.

Arizona certified operators for drinking water and wastewater that complete this course are eligible to receive 20 Professional Development Hours (PDHs) from Arizona Department of Environmental Quality (ADEQ).

6. Any changes to a laboratory's parameter list should be requested in writing in a separate communication from an audit response letter so that the request does not get overlooked.  
The request for additional parameters should include, where applicable:
  - A. A current SOP
  - B. A summary of the most recent IDOC
  - C. Acceptable PE study result for the method being requested.

If actual data is required, the request from our office will be sent to the laboratory.

7. Please contact Prabha Acharya @ (602) 364-0734 or (480) 284-6869 or [acharyp@azdhs.gov](mailto:acharyp@azdhs.gov) for any technical or method related questions. The earlier Information Updates can be accessed @ <http://www.azdhs.gov/lab/license/tech/infoup.htm>